



PATENT ABSTRACTS OF JAPAN

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(71) Applicant: **NEC CORP**

(72) Inventor: HAYASHI TAKEO

(54) METHOD AND DEVICE FOR TRANSMITTING
AND RECEIVING VOICE PACKET

(57) Abstract:

PROBLEM TO BE SOLVED: To reduce the discarding ratio of voice packets by reproducing voices by absorbing delay fluctuations without changing the processing contents of repeating nodes of a network.

SOLUTION: When a voice packet transmitting and receiving device receives the voice packet at the starting point of a voiced section, the device stores the packet in a fluctuation absorbing buffer 205 to which a threshold 207 is set and, when voice packets are stored in the buffer 205 by an initial storing amount 208, the buffer 205 sends out voice data. When a buffer monitoring section 204 observes that a fixed period of time has elapsed after the storing amount exceeds the threshold 207, a buffer control section 203 discards the data

to the initial storing amount. An information storing section 201 stores and holds the number of data discarding times and the number of underflow occurring times in the buffer 205 and uses the numbers for the decision of the initial storing amount of the next voice section. The initial storing amount 208 can be adjusted by using an encoded compressed information indication in the voice packet.

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